

SEQUENCE LISTING

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<120> Compositions and Methods Relating to Ovarian Specific Genes and Proteins

<130> DEX-0315

<150> 60/268,290

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<151> 2001-02-15

<160> 129

<170> PatentIn version 3.1

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<212> DNA

<213> Homo sapien

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<210> 16
 <211> 613
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 <400> 16

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<212> DNA
<213> Homo sapien

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<223> a, c, g or t

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<223> a, c, g or t

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<220>
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<210> 18
<211> 484
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 cctatgatcc cagcactttg ggaggccaag gccagcagat catttgagcc caggagtctg 180
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<210> 19
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 <213> Homo sapien

<400> 19
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<210> 20
 <211> 744
 <212> DNA
 <213> Homo sapien

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<210> 21
 <211> 851
 <212> DNA
 <213> Homo sapien

<400> 21
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 <213> Homo sapien

<400> 22
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<210> 23
 <211> 900
 <212> DNA

<213> Homo sapien

<400> 23

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<211> 976

<212> DNA

<213> Homo sapien

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 <213> Homo sapien

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<210> 26
 <211> 720
 <212> DNA
 <213> Homo sapien

<400> 26
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<210> 27
 <211> 708
 <212> DNA
 <213> Homo sapien

<400> 27
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 <211> 1099
 <212> DNA
 <213> Homo sapien

<400> 28
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 <211> 598
 <212> DNA
 <213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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<211> 546
<212> DNA
<213> Homo sapien

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<223> a, c, g or t

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 <213> Homo sapien

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 <213> Homo sapien

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 <213> Homo sapien

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 <213> Homo sapien

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 <213> Homo sapien

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 <213> Homo sapien

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 <211> 598
 <212> DNA
 <213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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<210> 41
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 <212> DNA
 <213> Homo sapien

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1895

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 <211> 674
 <212> DNA
 <213> Homo sapien

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 aaaaaaaga gaaa 674

<210> 44
 <211> 323
 <212> DNA
 <213> Homo sapien

<400> 44
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<210> 45
 <211> 568
 <212> DNA
 <213> Homo sapien

<400> 45

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<211> 800
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<223> a, c, g or t

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ttgttttccc gcccccatc tccccatnt cccgaacaa acaaaacatg aggaagaaac 780

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800

<210> 47
 <211> 810
 <212> DNA
 <213> Homo sapien

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<210> 48
 <211> 818
 <212> DNA
 <213> Homo sapien

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 <211> 1691
 <212> DNA
 <213> Homo sapien

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<210> 50
 <211> 657
 <212> DNA
 <213> Homo sapien

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<210> 51
 <211> 1244
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (37) .. (37)
 <223> a, c, g or t

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 <211> 358
 <212> DNA
 <213> Homo sapien

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<210> 53
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 <213> Homo sapien

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<400> 54
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 <213> Homo sapien

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<210> 56
<211> 929
<212> DNA
<213> Homo sapien

<400> 56
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<211> 984
<212> DNA
<213> Homo sapien

<400> 57
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 <212> DNA
 <213> Homo sapien

<400> 59
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 <212> DNA
 <213> Homo sapien

<400> 60
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 <212> DNA
 <213> Homo sapien

<400> 61
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<210> 62
 <211> 247
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 <213> Homo sapien

<400> 62
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<210> 63
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 <212> DNA
 <213> Homo sapien

<400> 63
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 <211> 365
 <212> DNA
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<400> 66
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 <212> DNA
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<400> 67
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<400> 68
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<213> Homo sapien

<400> 69

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<210> 70

<211> 950

<212> DNA

<213> Homo sapien

<400> 70

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tttgcttaga ggttggcaac tgaagctgtg caggacgatt cctgttctgt aagattagtc     180
tccagtgtgc agtcaagcag ttgagtgcgg tatgtctagt gccagtttc cctctccaca     240
ggtccccata ggctctcttt gttaaacttta caatccgcga tcagagatga gatctctgcc     300
aaggcagcaa ctgcaaggac catgtgggtc aatgttacca gcagacactc aaagccatt     360
cccatttact tcaagcaccg cttttatagg attatcgttg agagacgttg gtcatggttg     420

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cagattgttt gacgcacagg cagttcgaga ccagccgggc gtaaccatgg gcgggacccc 600

caatctctac caaaaaaaaa aaaaaaatac aaaagtgtgc tgggtgctgg gtcgcatgcc 660

tgtagtcccc aagttccag ctactctact tgggaggctg aggcagaaaag gatcacctga 720

gccaggggaa gggccaaggc ttgcagttag cccttgattg gtggccactt gcactttgac 780

ctttggggcaa cagaattgag aattgagacc ctgtcaaaaa aaaaaaaaaa aaaaaaaaaa 840

aaaaggtgtg ggggtataat ccatggggcaa aaagagcgtg tccccggggg tgtgaaaatt 900

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<210> 71

<211> 2544

<212> DNA

<213> Homo sapien

<400> 71

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tccagttgtc agtcaagcag ttgagtgcgg tatgtctagt gccagtttc cctctccaca 240

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cccatttact tcaagcaccg cttttatagg attatcgttg agagacgttg gtcattggtg 420

gtattatgag gtgagtgggc gaggtagcatt cagcatttct cgaatttctt gaattgcatag 480

tggctggagg tggtggctca tgcctgtgat cccggcagtt tgcggagggc cgcaggtgga 540

cagattgttt gacgcacagg cagttcgaga ccagccgggc gtaaccatgg gcgggacccc 600

caatctctac caaaaaaaaa aaaaaaatac aaaagtgtgc tgggtgctgg gtcgcatgcc 660

tgtagtcccc aagttccag ctactctact tgggaggctg aggcagaaag atcacctgag 720

cccaggaggg tgagtcttgc agtgaggctg agttcacacc actgtactcg agccttgatg 780

acagaatgag actgtctcaa aaaaaaaaaa atgtccctaa gtccatgtgg acccctgact 840

aggtttgcgc ctagacagc cgtcctctga gggcaattca ggtggtgaga ctccaggttt 900

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<210> 72
 <211> 328
 <212> DNA
 <213> Homo sapien

<400> 72
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 tgcgtatttc tttttcttc taaagaaagt ggggtggagaa attaatattag acgtttgttt 180
 gcaataaaaa gaattcattt taaaaaaaa aaaaaaaaa agctgtggcg gtaatcagtg 240
 gctcatagcg gttttccgtg gtgtgaaact ggttatccgg ctcaacaattt ccaacacaga 300
 catagcagag acaagttcca cgacaaaa 328

<210> 73
 <211> 482
 <212> DNA
 <213> Homo sapien

<400> 73
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 aagactaaac ataagggtac cgtataccca acaattccac ccttaagtat ataccacaaga 180
 aaatgaaac atgtccacat aaaaaattgt acacagatgg tgtttgtagc agcattattt 240
 gtaataacca aaaagtagaa acaatgcaaa tgcccatcag ctgatgagtg gaaatgtaa 300
 ctgtgatgta ttcatacaat ggaattattt ttgacaataa aaataagtg agtgccagta 360
 catgctataa caaaaaaaaa aaaaaaaaa aaactttggg gttatctcat ggctcatacc 420
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<210> 74
 <211> 1187
 <212> DNA
 <213> Homo sapien

<220>
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 <222> (298)..(298)
 <223> a, c, g or t

<400> 74
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<210> 75

<211> 759

<212> DNA

<213> Homo sapien

<400> 75

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<210> 76
 <211> 943
 <212> DNA
 <213> Homo sapien

<400> 76
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<210> 77
 <211> 244
 <212> PRT
 <213> Homo sapien

<400> 77

Met Gly Ile Phe Leu Lys Ala Cys Leu Cys Ala Asn Pro Ser Pro Lys
 1 5 10 15

Gly Gly Tyr Leu Arg Trp Val Glu Pro Ser Ser His Gly Val Glu Arg
 20 25 30

10076747.021302

Arg Pro Trp Thr His Thr Arg Glu Glu Pro Pro Lys Pro Ser Ser Ile
35 40 45

Met Trp Gln Arg Ile Gln Arg Trp Ala Tyr Leu Ser Gly Ser Ile Ala
50 55 60

Cys Leu Arg Gly Ala Asp Asn Cys Arg Thr Ser Ala Ser Gln Phe Ser
65 70 75 80

His Gln Thr Lys Ile Cys Asp Thr Asn Thr Gln Pro Gly Ala Ser Pro
85 90 95

Thr Asp Ala Arg Lys Ala Arg Arg Pro Lys Ser Pro Arg Pro Arg Pro
100 105 110

Ala Pro Ala Pro Arg Gln Ala Pro Gly Gln His Pro His Ser Thr Thr
115 120 125

Gly Ala Ala Ile Thr Thr Gly Pro Thr Ala Gln Arg Arg Glu Ala Thr
130 135 140

Asp Ala Glu Asn Lys Arg Lys Arg Thr Arg Gln Arg Thr Arg Arg Thr
145 150 155 160

Thr Gly Gln Thr Tyr Glu Gln Thr Lys Lys Arg Lys Lys Lys Thr Lys
165 170 175

Arg Asp Ala Gly Asp Asp Gly Arg Ala Arg Lys Thr Lys Arg Gln Ala
180 185 190

Lys Arg Asn Lys Gly Lys Ala Lys Arg Gly Arg Ser Lys Gln Glu Arg
195 200 205

Lys Lys Lys Gln Arg Ala Thr Lys Lys Gln Glu His Lys Glu Lys Asp Arg
210 215 220

Lys Ala Pro Arg Gly Gln Thr Lys Glu Gly Glu Gln Asn Thr Lys Asp
225 230 235 240

Glu Arg Glu Glu

<210> 78

10076747.021302

<211> 104
 <212> PRT
 <213> Homo sapien

<400> 78

Met Gly Tyr Pro Ala Ser Lys Phe Ser Pro Thr Thr Leu Glu Arg Gln
 1 5 10 15

Gln Pro Arg Lys Gln Thr Gln Arg Ala Ser Ser Gln Arg Gln Gly Asn
 20 25 30

Asn Thr Lys Ala His Arg Gln Lys Glu Gly Ala Ala Glu Gly Thr Gln
 35 40 45

Ala Thr Pro Glu Arg Gly Gln Thr Gln Ala His Gln Lys Arg Arg Glu
 50 55 60

Arg Thr Thr Gly Arg Glu Glu Gln Lys Glu Lys Arg Gln Gln Arg Glu
 65 70 75 80

Glu Gln Gly Thr Arg Gly Asp Arg Glu Arg Lys Arg Gln Pro Ala Asn
 85 90 95

Ala Gln Asp Gly Gln Gln Ala Arg
 100

<210> 79
 <211> 54
 <212> PRT
 <213> Homo sapien

<400> 79

Met Arg Val Tyr Ala Cys Ser Ser Val Tyr Ser Gln His Arg Gly Ser
 1 5 10 15

Phe Asp Val His Val Tyr Leu Tyr Tyr His Gly Tyr Val Gly Val Thr
 20 25 30

Thr Leu Thr Met Ile Phe Ser Ser Val Leu Phe Gly Tyr Gly Phe Gly
 35 40 45

Val Ile Trp Leu Leu Leu
 50

<210> 80
 <211> 76

10076747.021302

<212> PRT
 <213> Homo sapien

<400> 80

Met Ser Glu Thr Pro Gly Gln Val Pro Gly Asp Arg Cys Ser Pro Ser
 1 5 10 15

Pro Val Lys Val Asp Ala Leu Glu Met Glu Pro Met Ser Pro Trp Glu
 20 25 30

Arg Leu Asp Cys Val Lys Leu Arg Ser Arg Asp Val Gly Arg Ser Ala
 35 40 45

His Ala Ala Tyr Ile Val Pro Cys Thr His Ile Cys Ala Arg Leu Ala
 50 55 60

Ser Asp Gly Asp Phe His Glu Leu Ile Glu Gly Thr
 65 70 75

<210> 81
 <211> 125
 <212> PRT
 <213> Homo sapien

<400> 81

Met Arg Tyr Ala Ala Ser Asn Ser Pro Gly Ser Tyr Arg Pro Lys Lys
 1 5 10 15

Val Asp Arg Ala Ala Ala Glu Glu Gln Ala Phe Asp Gly Met Pro Asn
 20 25 30

Thr Glu Gly Arg Arg Pro Ala Gly Asp Pro Gly Arg Arg Ser Pro Thr
 35 40 45

Ala Ala Gly Arg Gly Glu Gly Gln Ile Arg Gly Arg Glu Pro His Ala
 50 55 60

Arg Pro Cys Met Arg Arg Arg Pro Arg Glu Arg Arg Pro Glu Ala
 65 70 75 80

Ala Arg Gln Glu Arg Pro Arg Lys Pro His Ala Pro Arg Pro Cys Ala
 85 90 95

Thr Ala Gly His Ala Arg Glu Ala Gly Arg Ser Thr Ala Gly Asp Arg
 100 105 110

10076747.021302

Pro Arg Thr Arg Pro Ala Gln Gly Ser Arg Ala Thr Glu
115 120 125

<210> 82
<211> 235
<212> PRT
<213> Homo sapien

<400> 82

Ala Trp Ala Leu Leu Phe Leu Thr Leu Leu Thr Gln Gly Thr Gly Ser
1 5 10 15

Trp Ala Gln Ser Ala Leu Thr Gln Ser Ala Ser Val Ser Gly Ser Pro
20 25 30

Gly Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser Ser His Val Gly
35 40 45

Gly Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro
50 55 60

Lys Leu Ile Ile Tyr Glu Val Ser Asn Arg Pro Ser Gly Val Ser Asn
65 70 75 80

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
85 90 95

Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Cys Ser Tyr Thr
100 105 110

Arg Ser Thr Ser His Val Phe Gly Thr Gly Thr Lys Val Thr Val Leu
115 120 125

Gly Gln Pro Lys Ala Asn Pro Thr Val Thr Leu Phe Pro Pro Ser Ser
130 135 140

Glu Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp
145 150 155 160

Phe Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Gly Ser Pro
165 170 175

Val Lys Ala Gly Val Glu Thr Thr Lys Pro Ser Lys Gln Ser Asn Asn
180 185 190

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Lys Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys
195 200 205

Ser His Arg Ser Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val
210 215 220

Asp Glu Asp Ser Gly Pro Leu Gln Lys Cys Ser
225 230 235

<210> 83
<211> 166
<212> PRT
<213> Homo sapien

<400> 83

Pro Pro Pro Ser Pro Pro Ser Pro Pro Ser Pro Pro Pro Ser Pro Pro
1 5 10 15

Ser Ser Pro Pro Pro Ser Ser Pro Pro Pro Ser Pro Ser Ser Ser Ser
20 25 30

Ser Ser Ser Ser Ser Cys Ser Ser Ser Ser Ser Ser Ser Ser Ser
35 40 45

Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Phe Phe Phe Leu Phe
50 55 60

Ser Phe Leu Phe Phe Leu Arg Trp Ser Leu Ala Leu Leu Pro Arg Leu
65 70 75 80

Glu Cys Ser Ser Thr Ile Ser Ala His Cys Asn Leu Cys Leu Leu Gly
85 90 95

Ser Ser Asp Ser Ser Ala Ser Ala Ser Gln Val Ala Gly Thr Thr Gly
100 105 110

Ile His His Tyr Ala Gln Leu Ile Phe Val Phe Leu Gly Glu Thr Gly
115 120 125

Phe His His Ile Gly Gln Ala Gly Leu Ala Leu Arg Thr Ile Val Ile
130 135 140

Gln Pro Ala Ser Ala Ser Gln Ser Ala Gly Ile Tyr His Gly Val Ser
145 150 155 160

10076747.021302

Leu Leu Ser Arg His Gly
165

<210> 84
<211> 63
<212> PRT
<213> Homo sapien

<400> 84

Met Glu Arg Tyr Ile Pro Ile Arg Asn Pro Thr Arg Asp Asn Asn Asn
1 5 10 15

Ser Arg Glu Arg Arg Arg Glu Asn Thr Asp Glu Arg Glu Ser Arg Asp
20 25 30

Arg Arg Arg Glu Arg Asn Glu Arg Lys Arg Arg Glu Asn Glu Thr Arg
35 40 45

Glu Gln Arg Glu Gly Glu Thr Glu Ala Lys Lys Asp Lys Lys Lys
50 55 60

<210> 85
<211> 98
<212> PRT
<213> Homo sapien

<400> 85

Met Gly Phe Trp Pro Asp Thr Phe Ser Arg Gly His Ile Met Ala Ser
1 5 10 15

Val Phe Pro Gln Arg Val Cys Phe Arg Phe Cys Leu Phe Glu Met Glu
20 25 30

Ser His Phe Val Thr Gln Leu Glu Leu Gln Cys Arg Tyr Leu Gly Ser
35 40 45

Leu Gln Pro Pro Pro Pro Pro Gly Phe Met Gln Phe Ser Cys Leu
50 55 60

Arg His Ser Ser Ser Trp Asp Tyr Arg His Ala Pro Ser Cys Leu Ala
65 70 75 80

Asn Phe Cys Ile Phe Ser Arg Asp Trp Val Ser Pro Tyr Trp Pro Gly
85 90 95

10076747 021300

Trp Ser

<210> 86
 <211> 53
 <212> PRT
 <213> Homo sapien

<400> 86

Met Arg His Leu Ser Ile Cys Tyr Asp Thr His Ile His Thr His Met
 1 5 10 15

Glu Ile Asp Val Met Ile Leu Arg Asp Arg Thr Asp Asn Thr Arg Tyr
 20 25 30

Ala Ser Thr Leu Val Arg Asp Leu Leu Leu Ser Thr Leu Ala Thr Asp
 35 40 45

Ser Ser Tyr Ala Tyr
 50

<210> 87
 <211> 73
 <212> PRT
 <213> Homo sapien

<400> 87

Leu Lys Asp Gln Pro Gly Gln Tyr Gly Glu Thr Pro Ser Leu Leu Lys
 1 5 10 15

Ile Gln Lys Leu Ala Gly His Ser Gly Val Cys Leu Ala Ser Gln Leu
 20 25 30

Leu Gly Arg Leu Arg Gln Lys Asn Arg Leu Asn Leu Gly Gly Arg Gly
 35 40 45

Cys Ser Glu Pro Arg Ser Cys Tyr Cys Thr Pro Ala Trp Ala Lys Glu
 50 55 60

Gln Asp Ser Ile Ser Lys Lys Lys Lys
 65 70

<210> 88
 <211> 90
 <212> PRT
 <213> Homo sapien

10076747.021302

<400> 88

Met Lys Ile Gly Met Thr Ile Ile Asn Ile Asn Gly Gln Asn Ser Gly
1 5 10 15

Asn Asp Ile Gly Arg Leu Lys Lys Gln Gly Ile Asn Pro Ser Gly Asp
20 25 30

Pro Tyr Ser Glu Gln Glu Thr Lys Gly Ala Lys Asn Lys Thr Gln Lys
35 40 45

Leu Gly Glu Gly Arg Tyr Ser Gly Glu Lys Arg Ala Arg Lys Asn Lys
50 55 60

Glu Glu Glu Gln Gln Lys Gln Ala Gly Glu Pro Ser Thr Gly Asn Ala
65 70 75 80

Ala Gly Gly Thr Arg Gly Ala Gln Glu Gly
85 90

<210> 89

<211> 96

<212> PRT

<213> Homo sapien

<400> 89

Met Leu Phe Val Leu Gly Glu Gly Cys Asp Arg Leu Ala Glu Val Ser
1 5 10 15

Leu His Phe Leu Ala Leu Ile Leu Val Leu Ser Thr Ser Gly Tyr Thr
20 25 30

Arg Glu Arg Met Ala Cys Ser Cys Leu Cys Val Leu Ala Leu Leu Phe
35 40 45

Gly Ser Ser Ile Met Lys Thr Trp Asp Lys Lys Ile Glu Lys Asn Asn
50 55 60

Phe Thr Ser Leu Asn Ile Ser His Leu Asn Tyr Tyr Asp Leu Arg His
65 70 75 80

His Phe Tyr Arg Val Thr Cys Cys Gly Ser Gln Cys Ala Leu Pro Ser
85 90 95

<210> 90

<211> 91

10076747.021302

<212> PRT
 <213> Homo sapien

<400> 90

Met Gly Trp Tyr Val Val Phe Ser Phe Arg Phe Met Leu Phe Val Leu
 1 5 10 15

Gly Thr Leu Val Ala Arg His Leu Leu His Ser Asp Leu Leu Thr Phe
 20 25 30

Gln Leu Ser Glu Ser Gln Leu Cys Ser His Asp Leu Pro Pro Ser Leu
 35 40 45

Arg Asp Leu Arg Ala Cys Pro Cys Met Val Ser Leu Arg Gln Pro Leu
 50 55 60

Val Met Leu Cys Ala Val Pro Ala Trp Leu Leu Ala Ser Cys Thr Val
 65 70 75 80

His Cys Met Ile Leu His Arg Val Lys His Ala
 85 90

<210> 91
 <211> 74
 <212> PRT
 <213> Homo sapien

<400> 91

Met Glu Lys Phe Glu Arg Met Asn Val Lys Ser Phe Phe Phe Phe Phe
 1 5 10 15

Phe Glu Thr Gly Ser Leu Ser Val Thr Lys Gln Glu Cys Ser Gly Val
 20 25 30

Ile Ile Ala His Cys Ser Leu Asp Leu Pro Gly Ser Ser Asp Pro Pro
 35 40 45

Thr Leu Ala Pro Pro Val Ala Gly Thr Thr Gly Val His His His Ser
 50 55 60

Trp Leu Ile Ile Ile Leu Phe Leu Tyr Phe
 65 70

<210> 92
 <211> 92
 <212> PRT

10076747-021302

<213> Homo sapien

<400> 92

Met Glu His Glu Leu His Pro Thr Ser Gln Ser Cys Gly Ala Arg Ala
1 5 10 15

Thr Ser Ser Ser Val Cys Val Tyr Met Val Glu Leu Ser Leu Cys Asp
20 25 30

Val Ser Leu Ser Arg Ser Pro Cys Phe Gly His Asp Asn Pro Cys Lys
35 40 45

Val Thr Arg Gly Ile Ala Asp Gly Phe Gly Cys Gly Leu Arg Val His
50 55 60

Arg His Val Leu Ala Val Leu Ile Leu Ile Gln Thr Gly Cys Thr Pro
65 70 75 80

Gln Ile Arg Arg Ser Lys Ser Met Ala Ser Val Ala
85 90

<210> 93

<211> 62

<212> PRT

<213> Homo sapien

<400> 93

Met Gly Pro Leu Thr Ala Ala Arg Arg Gly Asp Ser Val Met Asp Gly
1 5 10 15

Trp Cys Asp His Gly Ser Cys Asn Leu Glu Phe Leu Gly Thr Ser Asp
20 25 30

Pro Pro Ala Leu Ala Ser Gln Ser Arg Val Gly Thr Thr Gly Met Arg
35 40 45

Gln His Thr Trp Leu Ile Leu Leu Thr Phe Thr Phe Ser Arg
50 55 60

<210> 94

<211> 148

<212> PRT

<213> Homo sapien

<400> 94

Met Leu Gln Lys Gln Asn Thr Arg Ser Gly Gly Gly Glu His Gln Arg

10075747.021302

1 5 10 15
 Glu Gln Pro Met Asp Lys Thr Ala Ser Leu Gly Gly Ser Cys Thr Thr
 20 25 30
 Pro Arg Ala Pro Pro Thr Phe Thr Val Arg Gly Glu Leu Thr Ala Gln
 35 40 45
 Lys Val His His Lys Ser Gln Ser Ser Ser His Arg Pro Arg Arg Ala
 50 55 60
 Ile Pro Gly Gly Gly Thr Lys Arg Lys Lys Arg Asp Ala Gln Ala Ala
 65 70 75 80
 Asp Ile Ser His Ala Arg Thr Glu His His Gln Asp Thr Arg Gln Asp
 85 90 95
 Asp Ala Glu Ala Pro His Lys Thr Pro Asn Thr Lys His Pro Arg Thr
 100 105 110
 Pro Cys Arg His Thr Ala Pro Pro Leu His Pro Pro Glu Met Asn
 115 120 125
 Arg Gly Gln Ser Asn Thr Arg Arg Asn Glu Asn Asn Leu His Ser Glu
 130 135 140
 His Asn Ala Ala
 145
 <210> 95
 <211> 51
 <212> PRT
 <213> Homo sapien
 <400> 95
 Met Val Gln Val Leu His Trp Ser Leu Ser Ser Ala Ile Leu Ser Val
 1 5 10 15
 Tyr Val Gln Tyr Leu Pro Gly Asp Pro Ser His Cys Arg Gln Leu Glu
 20 25 30
 His Ala Ser Met Ile Asn Gln Trp Ala Leu Ile Asn Ser Thr Phe Leu
 35 40 45
 Cys Arg Leu

10076747.021302

50

<210> 96
 <211> 84
 <212> PRT
 <213> Homo sapien

<400> 96

Met Arg Gln Ser Ala Thr Leu Arg Ser Ser Asp His Trp Glu Glu Arg
 1 5 10 15

Glu Ser Leu Gln Leu Leu Gly Phe Arg Leu Gln Lys Phe Leu Ala Ala
 20 25 30

Phe Ala His Trp Arg Gly Gly Glu Asp Lys Ser Ile Arg Asn Pro Met
 35 40 45

Phe Pro Ser Ser Pro Thr Glu Arg Thr Lys Glu Val Phe Thr Arg Cys
 50 55 60

Gly Thr Phe Leu Gln Leu Leu Asp Ala Asp Lys Pro Gln Ser Arg Leu
 65 70 75 80

Phe Trp Leu Gln

<210> 97
 <211> 72
 <212> PRT
 <213> Homo sapien

<400> 97

Met Lys Gln Trp Lys Ile Ser Ile Ala Gln Leu Asp Asp Leu Thr Lys
 1 5 10 15

Glu Ile Ser Arg Gln Cys Gln Arg Cys Tyr Leu Asp Ser Ser Ser Pro
 20 25 30

Tyr Ser Lys Arg Gln Lys Glu Lys Gly Lys Gln Asp Lys Lys Leu Phe
 35 40 45

Asp Ile Lys Glu Pro Gln Leu Phe Gly Phe Glu Lys Tyr Phe Phe Ser
 50 55 60

Phe Leu Thr Ser Pro Asp Ser Glu
 65 70

10076747.021302

<210> 98
 <211> 40
 <212> PRT
 <213> Homo sapien

<400> 98

Met Gly Thr Arg Tyr Tyr Ile Leu Glu Phe Val Leu Arg Arg His Lys
 1 5 10 15

Leu Asn Ser Arg Ser Leu Cys Pro Lys Phe His Arg Leu Lys Lys Arg
 20 25 30

Ser Ser Asn Tyr Arg Ser Gly Tyr
 35 40

<210> 99
 <211> 87
 <212> PRT
 <213> Homo sapien

<400> 99

Met Phe Ser Thr Ser Ser Gln Val Cys Ala Leu Cys Pro Phe Ser Gly
 1 5 10 15

Ser Leu Glu Leu Pro Pro Ser Leu His Pro Asp Ser Phe Ala Ile Met
 20 25 30

Cys Leu Ile Ser Cys Glu Phe Thr Gly Glu Ala Ile Ser Gln Ile Asn
 35 40 45

Gly Cys Lys Cys Ser Lys Lys Lys Lys Thr Lys Lys Lys Ala Gly Gly
 50 55 60

Asn Arg Gly Gln Ser Leu Ser Pro Gly Gly His Cys Phe Pro Pro Gln
 65 70 75 80

Phe Asn Pro His Lys Pro Pro
 85

<210> 100
 <211> 31
 <212> PRT
 <213> Homo sapien

<400> 100

10075747.021202

Met Ser Asn Ser His Thr Glu Gln Ala Thr Phe Leu Ser Lys Val Cys
1 5 10 15

Gly Ala Gly Arg Ala Val Gly Ala Leu Asn Ala Gly Leu Asn Arg
20 25 30

<210> 101

<211> 69

<212> PRT

<213> Homo sapien

<400> 101

Met Leu Arg Asn Cys Gly Gly Ile Gly Ala Gly Asn Lys Phe Pro Pro
1 5 10 15

Gly Thr Ala Leu Ala Pro Asp Thr Pro Ser Leu Phe Phe Phe Phe
20 25 30

Phe Phe Leu Glu Thr Met Thr Thr Ala Ala Ala Ile Leu Leu Pro Ile
35 40 45

Ser His Glu Pro Arg Leu Pro Tyr Thr Met Thr Phe His Pro His Asn
50 55 60

Arg Leu Thr Gln Pro
65

<210> 102

<211> 91

<212> PRT

<213> Homo sapien

<400> 102

Met Phe Cys Val Phe Leu Lys Ser Glu Cys Val Phe Tyr His Cys Ser
1 5 10 15

Val Asn Ala Asn Trp Val Lys Phe Val Asp Ser Gln Ile Tyr Ile Leu
20 25 30

Thr His Leu Phe Val Pro Phe Phe Leu Ser Val Ile Glu Gln Glu Val
35 40 45

Leu Lys Ser Pro Ile Thr Ser Ile Ser Leu Thr Leu Pro Phe Phe Ser
50 55 60

Leu Trp Ile Leu Asn Phe Ser Ile Tyr Phe Val Tyr Phe Glu Gly His

10076747.021302

65

70

75

80

Ile His Leu Leu Ser Ser Cys Ile Leu Met Asn
85 90

<210> 103

<211> 38

<212> PRT

<213> Homo sapien

<400> 103

Gln Pro Gly Gln His Gly Glu Thr Pro Ser Pro Pro Lys Asp Ala Lys
1 5 10 15

Thr Ser Gln Ala Trp Arg Arg Ala Pro Ala Val Pro Gly Thr Arg Gln
20 25 30

Ala Glu Ala Gly Glu Ser
35

<210> 104

<211> 107

<212> PRT

<213> Homo sapien

<400> 104

Met Asn Tyr Ser Leu Thr Ser Arg Thr Val Glu Asp Arg Gly Gln Lys
1 5 10 15

Gln Ala Ser Lys Arg Ser Gln Tyr Gly Gly Val His Ala Trp His Thr
20 25 30

Trp Leu Ser Glu Ser Asp Val Cys Leu Cys Val Cys Asp Glu Asp Ser
35 40 45

Ser Glu Trp Asn Gly Gln Arg Val Thr Gly Lys Phe Cys Arg Glu Glu
50 55 60

Asn Glu Arg Leu Leu Ile Leu Lys Gln Ser Phe Ala Leu Leu Trp Ser
65 70 75 80

Tyr Thr Thr Val Asn Leu Pro Ile Leu Ser Ser Gln Ile Pro Thr Arg
85 90 95

Lys Pro Val Ile Asn Leu Trp Ile Asn Phe His
100 105

10076747.021302

<210> 105
 <211> 822
 <212> PRT
 <213> Homo sapien

<400> 105

Met Asn Thr Ala Asp Gln Ala Arg Val Gly Pro Ala Asp Asp Gly Pro
 1 5 10 15

Ala Pro Ser Gly Glu Glu Glu Gly Glu Gly Gly Gly Glu Ala Gly Gly
 20 25 30

Lys Glu Pro Ala Ala Asp Ala Ala Pro Gly Pro Ser Ala Ala Phe Arg
 35 40 45

Leu Met Val Thr Arg Arg Glu Pro Ala Val Lys Leu Gln Tyr Ala Val
 50 55 60

Ser Gly Leu Glu Pro Leu Ala Trp Ser Glu Asp His Arg Val Ser Val
 65 70 75 80

Ser Thr Ala Arg Ser Ile Ala Val Leu Glu Leu Ile Cys Asp Val His
 85 90 95

Asn Pro Gly Gln Asp Leu Val Ile His Arg Thr Ser Val Pro Ala Pro
 100 105 110

Leu Asn Ser Cys Leu Leu Lys Val Gly Ser Lys Thr Glu Val Ala Glu
 115 120 125

Cys Lys Glu Lys Phe Ala Ala Ser Lys Asp Pro Thr Val Ser Gln Thr
 130 135 140

Phe Met Leu Asp Arg Val Phe Asn Pro Glu Gly Lys Ala Leu Pro Pro
 145 150 155 160

Met Arg Gly Phe Lys Tyr Thr Ser Trp Ser Pro Met Gly Cys Asp Ala
 165 170 175

Asn Gly Arg Cys Leu Leu Ala Ala Leu Thr Met Asp Asn Arg Leu Thr
 180 185 190

Ile Gln Ala Asn Leu Asn Arg Leu Gln Trp Val Gln Leu Val Asp Leu
 195 200 205

10076747.021302

Thr Glu Ile Tyr Gly Glu Arg Leu Tyr Glu Thr Ser Tyr Arg Leu Ser
210 215 220

Lys Asn Glu Ala Pro Glu Gly Asn Leu Gly Asp Phe Ala Glu Phe Gln
225 230 235 240

Arg Arg His Ser Met Gln Thr Pro Val Arg Met Glu Trp Ser Gly Ile
245 250 255

Cys Thr Thr Gln Gln Val Lys His Asn Asn Glu Cys Arg Asp Val Gly
260 265 270

Ser Val Leu Leu Ala Val Leu Phe Glu Asn Gly Asn Ile Ala Val Trp
275 280 285

Gln Phe Gln Leu Pro Phe Val Gly Lys Glu Ser Ile Ser Ser Cys Asn
290 295 300

Thr Ile Glu Ser Gly Ile Thr Ser Pro Ser Val Leu Phe Trp Trp Glu
305 310 315 320

Tyr Glu His Asn Asn Arg Lys Met Ser Gly Leu Ile Val Gly Ser Ala
325 330 335

Phe Gly Pro Ile Lys Ile Leu Pro Val Asn Leu Lys Ala Val Lys Gly
340 345 350

Tyr Phe Thr Leu Arg Gln Pro Val Ile Leu Trp Lys Glu Met Asp Gln
355 360 365

Leu Pro Val His Ser Ile Lys Cys Val Pro Leu Tyr His Pro Tyr Gln
370 375 380

Lys Cys Ser Cys Ser Leu Val Val Ala Ala Arg Gly Ser Tyr Val Phe
385 390 395 400

Trp Cys Leu Leu Leu Ile Ser Lys Ala Gly Leu Asn Val His Asn Ser
405 410 415

His Val Thr Gly Leu His Ser Leu Pro Ile Val Ser Met Thr Ala Asp
420 425 430

Lys Gln Asn Gly Thr Val Tyr Thr Cys Ser Ser Asp Gly Lys Val Arg

10075747.021302

435

440

445

Gln Leu Ile Pro Ile Phe Thr Asp Val Ala Leu Lys Phe Glu His Gln
450 455 460

Leu Ile Lys Leu Ser Asp Val Phe Gly Ser Val Arg Thr His Gly Ile
465 470 475 480

Ala Val Ser Pro Cys Gly Ala Tyr Leu Ala Ile Ile Thr Thr Glu Gly
485 490 495

Met Ile Asn Gly Leu His Pro Val Asn Lys Asn Tyr Gln Val Gln Phe
500 505 510

Val Thr Leu Lys Thr Phe Glu Glu Ala Ala Gln Leu Leu Glu Ser
515 520 525

Ser Val Gln Asn Leu Phe Lys Gln Val Asp Leu Ile Asp Leu Val Arg
530 535 540

Trp Lys Ile Leu Lys Asp Lys His Ile Pro Gln Phe Leu Gln Glu Ala
545 550 555 560

Leu Glu Lys Lys Ile Glu Ser Ser Gly Val Thr Tyr Phe Trp Arg Phe
565 570 575

Lys Leu Phe Leu Leu Arg Ile Leu Tyr Gln Ser Met Gln Lys Thr Pro
580 585 590

Ser Glu Ala Leu Trp Lys Pro Thr His Glu Asp Ser Lys Ile Leu Leu
595 600 605

Val Asp Ser Pro Gly Met Gly Asn Ala Asp Asp Glu Gln Gln Glu Glu
610 615 620

Gly Thr Ser Ser Lys Gln Val Val Lys Gln Gly Leu Gln Glu Arg Ser
625 630 635 640

Lys Glu Gly Asp Val Glu Glu Pro Thr Asp Asp Ser Leu Pro Thr Thr
645 650 655

Gly Asp Ala Gly Gly Arg Glu Pro Met Glu Glu Lys Leu Leu Glu Ile
660 665 670

10076747.021302

Gln Gly Lys Ile Glu Ala Val Glu Met His Leu Thr Arg Glu His Met
675 680 685

Lys Arg Val Leu Gly Glu Val Tyr Leu His Thr Trp Ile Thr Glu Asn
690 695 700

Thr Ser Ile Pro Thr Arg Gly Leu Cys Asn Phe Leu Met Ser Asp Glu
705 710 715 720

Glu Tyr Asp Asp Arg Thr Ala Arg Val Leu Ile Gly His Ile Ser Lys
725 730 735

Lys Met Asn Lys Gln Thr Phe Pro Glu His Cys Ser Leu Cys Lys Glu
740 745 750

Ile Leu Pro Phe Thr Asp Arg Lys Gln Ala Val Cys Ser Asn Gly His
755 760 765

Ile Trp Leu Arg Cys Phe Leu Thr Tyr Gln Ser Cys Gln Ser Leu Ile
770 775 780

Tyr Arg Arg Cys Leu Leu His Asp Ser Ile Ala Arg His Pro Ala Pro
785 790 795 800

Glu Asp Pro Asp Trp Ile Lys Arg Leu Leu Gln Ser Pro Cys Pro Phe
805 810 815

Cys Asp Ser Pro Val Phe
820

<210> 106

<211> 52

<212> PRT

<213> Homo sapien

<400> 106

Met Asn Tyr Val Leu Asn Glu Trp Leu Ser Leu Pro Cys Lys Pro His
1 5 10 15

Ala Thr Gly Ser Leu Phe Arg Trp Leu Thr Thr Ala Pro Gln Ala Cys
20 25 30

Trp Lys Asp Arg Ser Pro Lys Pro Ser Leu Leu Ser Thr Gln Ala Trp
35 40 45

10076747.021302

Val Ser Trp Ser
50

<210> 107
<211> 82
<212> PRT
<213> Homo sapien

<400> 107

Met Leu Asn Thr Cys Arg Val Ile Leu Val Val Phe Ser Gln Pro Phe
1 5 10 15

Ile Lys Phe Leu Val Thr Ser Val Met Met Thr Phe His Thr Pro Ile
20 25 30

Thr Ser Lys Ala Phe Leu His Leu Ala Asp Pro Ser Tyr Gly Pro Ala
35 40 45

Val Ser His Ala Val Thr Thr Ser Gly Thr Asp Leu Thr Ala Leu Arg
50 55 60

Ala Ser Ser Ser Leu Ala Gly Arg Thr Ser Ala Ala Ser Ser Ile Thr
65 70 75 80

Lys Gly

<210> 108
<211> 63
<212> PRT
<213> Homo sapien

<400> 108

Met Arg Val Ser Gly Thr Cys Trp Asp Lys Cys Glu Ala Ser Val Trp
1 5 10 15

Ala Val Arg Tyr Gly Glu Cys Leu Ser Leu Arg Ser Lys Glu Leu Trp
20 25 30

Ala Gly Pro Trp Arg Trp Arg Arg Val Pro Val Val Ser Ala Lys Ser
35 40 45

Gly Gly Arg Lys Trp Glu Asp His Leu Ser Pro Gly Ile Arg Gly
50 55 60

<210> 109

10076747.021302

<211> 51
 <212> PRT
 <213> Homo sapien

<400> 109

Val Cys Gly Gly Ser Arg Gln Arg Gln Gly Leu Ala Pro Leu Ser Arg
 1 5 10 15

Leu Glu Cys Phe Gly Val Met Thr Ala His Val Asn Leu Glu Phe Leu
 20 25 30

Gly Ser Gly Asp Pro Pro Thr Ser Ala Ser Ala Leu Ala Glu Thr Thr
 35 40 45

Gly Thr Arg
 50

<210> 110
 <211> 141
 <212> PRT
 <213> Homo sapien

<400> 110

Met Ile Leu Leu Ser Arg His Asn Ser Gln Gly Asn Thr Thr Thr His
 1 5 10 15

His Asn Lys Asn Thr Lys Thr Arg Gly Gly Asp Thr Pro Gly Thr Thr
 20 25 30

Gly Trp Ile Pro Gly Arg Arg Thr Arg Ser Pro Arg Arg Gln Asn Phe
 35 40 45

Pro Thr Lys Thr Ile Gly Asp Lys Thr Ala Lys Glu Ala Arg Glu Thr
 50 55 60

Arg Gly Asn Lys Arg Lys Lys Asp Thr Glu Arg Arg Lys Gly Ala Arg
 65 70 75 80

Ser Thr Arg Thr Arg Asp Glu Glu Gly Gly Gly Arg Glu Glu Glu Arg
 85 90 95

Gly Arg Gly Gly Arg Glu Arg Arg Gln Glu Gly Glu Arg Gly Ile Glu
 100 105 110

Thr Gly Gly Glu Glu Glu Arg Lys Arg Gly Gly Arg Gly Arg Gly Gly
 115 120 125

10076747.021302

Glu Arg Arg Gly Gly Lys Lys Glu Asp Gly Gly Pro Glu
130 135 140

<210> 111

<211> 99

<212> PRT

<213> Homo sapien

<400> 111

Met Gly Arg Trp Glu Glu Ser Gln Ser Thr Gly Gln Gly Glu Asp Ser
1 5 10 15

Gly Ser His Gly Val Ser Pro Thr Ala Ser Ala Pro Leu Cys Cys Trp
20 25 30

Arg Gly Pro Glu Pro His Tyr Ser Leu Tyr Glu Asp Gln Ser Val Phe
35 40 45

Gly Arg Trp Arg Leu Ala His Gly Arg Thr Pro Ser Gly Gly Gly Ser
50 55 60

Ser Val Asn Pro Arg Asn Phe Lys Glu Pro His Ser Val Ser Leu Met
65 70 75 80

Thr Ser His Leu Gln Ile Arg Lys Leu Trp Ile Pro Arg Gly Ser Phe
85 90 95

Gly Ser Ile

<210> 112

<211> 105

<212> PRT

<213> Homo sapien

<400> 112

Gly Ala Gly Gly Tyr Ala Asp Asn Asp Ile Gly Ala Val Ser Thr Thr
1 5 10 15

Gly His Gly Glu Ser Ile Leu Lys Val Asn Leu Ala Arg Leu Thr Leu
20 25 30

Phe His Ile Glu Gln Gly Lys Thr Val Glu Glu Ala Ala Asp Leu Ser
35 40 45

10075747.021302

Leu Gly Tyr Met Lys Ser Arg Val Lys Gly Leu Gly Gly Leu Ile Val
50 55 60

Val Ser Lys Thr Gly Asp Trp Val Ala Lys Trp Thr Ser Thr Ser Met
65 70 75 80

Pro Trp Ala Ala Ala Lys Asp Gly Lys Leu His Phe Gly Ile Asp Pro
85 90 95

Asp Asp Thr Thr Ile Thr Asp Leu Pro
100 105

<210> 113
<211> 42
<212> PRT
<213> Homo sapien

<400> 113

Met Ala Thr Pro Pro Ala Lys Cys Leu Ser Gln Asp Leu Asp Ser Ser
1 5 10 15

Pro Trp Asp Pro His Ala Arg Glu Ala Asp Cys Ser Ala Pro Thr Gly
20 25 30

Ser Leu His Glu Val Val Pro Gln His Cys
35 40

<210> 114
<211> 51
<212> PRT
<213> Homo sapien

<400> 114

Met Leu Leu Ser Tyr Ile Ser Gly Arg Phe Leu Ser Thr Arg Lys Glu
1 5 10 15

Asn Thr Gly Leu Ala Lys Gln Gly Pro Leu Phe Gly Ile Ile Phe Val
20 25 30

Pro Asn Lys Gln Ser Arg Gly Trp Val Cys Trp Leu Val Lys Glu Leu
35 40 45

Leu Arg Phe
50

10076747.021302

<210> 115
 <211> 118
 <212> PRT
 <213> Homo sapien

<400> 115

Met Asp Glu Arg Arg Pro Gly Arg Tyr Leu Gly Leu Pro Glu Tyr Thr
 1 5 10 15

Lys Phe Arg Glu Pro Thr Phe Thr Pro Asp Cys Ala Trp Ser Lys Pro
 20 25 30

Glu Ser Ser Leu Pro Arg Gly Leu Phe Gln Pro Ile Pro Leu Phe Trp
 35 40 45

Lys Val Ile Leu Gly Ile Glu Thr Glu Asn Trp Asp Lys Gly Ser Leu
 50 55 60

Arg Lys Thr Lys Thr Asn Asn Glu Thr Gly Asp Met Leu Phe Ser Leu
 65 70 75 80

Asn Pro Ser Gln Ile Cys Cys Leu Ala Leu Thr His Val Glu Ile Cys
 85 90 95

Lys Leu Cys Gln Asp Phe Pro Val His Gly Gly Glu Ser His Val Gly
 100 105 110

Lys Lys Lys Phe Thr Val
 115

<210> 116
 <211> 87
 <212> PRT
 <213> Homo sapien

<400> 116

Met Leu Glu Arg Arg Ser Val Met Asp Trp Ser Arg Arg Gly Leu Trp
 1 5 10 15

Glu Pro Gly Leu Gln Cys Gly Leu Pro Arg Pro Pro Gly Pro Ser Ala
 20 25 30

Ser Ser Leu Arg Gln Pro Ser Gln Gly Trp Pro Ala Arg Thr Asp Val
 35 40 45

Thr Met Pro Arg Ala Pro Ala Pro His Thr Ala Glu Leu Met Met Val

10076747.021302

50

55

60

Met Gly Gly Ser Gly Ala Gly Ala Gly Glu Gln Asp Glu Gln Glu Cys
65 70 75 80

Asn Asn Gln Asp Asp Pro Glu
85

<210> 117
<211> 72
<212> PRT
<213> Homo sapien

<400> 117

Met His Val Pro Thr Glu Arg Glu Tyr Ala Cys Val Cys Thr Thr Asn
1 5 10 15

Thr Ser Cys Cys Ala Gly Ala Gly Ser Ser Gly Asn Ala Arg Gly Glu
20 25 30

His Ala Leu Leu Val Ile His Ile His Ser Tyr Ala Val His Thr Gln
35 40 45

His Pro Pro Arg Ala Cys Leu Pro Asn Arg Trp Leu Asn Phe Leu Leu
50 55 60

Ser Tyr Arg Arg Pro Asp Pro Thr
65 70

<210> 118
<211> 48
<212> PRT
<213> Homo sapien

<400> 118

Met Asn Pro Arg Ile Asn Thr Leu Asp Val Leu Leu Leu Cys His Val
1 5 10 15

Asn Arg Gly Leu Arg Ala Val Phe His Leu Val Pro Phe Ser Glu Asp
20 25 30

Gln Ile Pro Arg Leu Gln Ser Met Gln Gly Leu His Arg Trp Leu Leu
35 40 45

<210> 119
<211> 19

10076747.021302

<212> PRT
 <213> Homo sapien

<400> 119

Met Thr Trp Thr Asn Arg Lys Tyr Ser Phe Asn Leu Phe Leu Leu Leu
 1 5 10 15

Phe Asn Leu

<210> 120
 <211> 60
 <212> PRT
 <213> Homo sapien

<400> 120

Met Thr Phe Gly Val Pro Asn Ser Val Ser Thr Leu Thr Ser Lys Lys
 1 5 10 15

Lys Lys Arg Lys Lys Lys Lys Gly Arg Gly Val Pro Trp Gly Asn Ser
 20 25 30

Cys Pro Gly Gly Gly Ile Val Phe Pro Val Pro Ile Pro Pro Ile Phe
 35 40 45

His Asn Asn Gly Glu Pro Gly Gln Lys Arg Lys Thr
 50 55 60

<210> 121
 <211> 147
 <212> PRT
 <213> Homo sapien

<400> 121

Met Leu Leu Glu Arg Arg His Cys Asp Gly Cys Val Val Ala Pro Arg
 1 5 10 15

Leu Cys Val Lys Arg Glu Ala Glu Gly Asp Val Ser Pro Asp Ile Ser
 20 25 30

Lys Val Trp Val Gly Pro Leu Val Pro Glu Ile Leu Leu Gly Gly Met
 35 40 45

Gly Pro Ala Leu Ser Gly Thr Lys Ile Arg Ala Arg Lys Arg Cys Pro
 50 55 60

10076747.021302

Ser Pro Ile Leu Ser Ile Leu Phe Met Ala Glu Lys Ile Ser Ala Gly
65 70 75 80

Cys Gln His Val Pro Met Pro Val Glu Asp Met Pro Thr Ser Pro Leu
85 90 95

Pro Arg Glu Gln Asp Leu Gly Leu Gly Gln Val Glu Lys Ile Pro Asp
100 105 110

Phe Phe Ser Thr Val Phe Val Leu Met Val Tyr Phe Tyr Trp Leu Leu
115 120 125

Tyr Cys Leu Gly Gln Val Val Val Ala Phe Leu Ile Tyr Trp Gly Thr
130 135 140

Phe Leu Ile
145

<210> 122
<211> 121
<212> PRT
<213> Homo sapien

<400> 122

Met Val Arg Ile Leu Ala Asn Gly Glu Ile Val Gln Asp Asp Asp Pro
1 5 10 15

Arg Val Arg Thr Thr Thr Gln Pro Pro Arg Gly Ser Ile Pro Arg Gln
20 25 30

Ser Phe Phe Asn Arg Gly His Gly Ala Pro Pro Gly Gly Pro Gly Pro
35 40 45

Arg Gln Gln Gln Ala Gly Ala Arg Leu Gly Ala Ala Gln Ser Pro Phe
50 55 60

Asn Asp Leu Asn Arg Gln Leu Val Asn Met Gly Phe Pro Gln Trp His
65 70 75 80

Leu Gly Asn His Ala Val Glu Pro Val Thr Ser Ile Leu Leu Leu Phe
85 90 95

Leu Leu Met Met Leu Gly Val Arg Gly Leu Leu Leu Val Gly Leu Val
100 105 110

10076747.021302

Tyr Leu Val Ser His Leu Ser Gln Arg
115 120

<210> 123

<211> 129

<212> PRT

<213> Homo sapien

<400> 123

Met Glu Ala Arg Arg His Ala Leu Gly Gly Ser Val Leu Trp Gln Ser
1 5 10 15

Gln Val Leu Phe Asn Phe Val Gln Arg Lys Gly Glu Pro Gly Phe Gly
20 25 30

Ile Ser Val Val Arg Glu Arg Arg Val His Ser Asn His Gly Cys Pro
35 40 45

Val Leu Ile Gln Ala Gly Ile Trp Ser Met Met Ser Val Gly Arg Ala
50 55 60

Arg Arg Ala Arg Arg Thr Ala Ala Ser Tyr Pro Gly Pro Val Arg Ala
65 70 75 80

Tyr Leu His His Ala Arg Gly Gly Gln Glu Pro Pro Pro Ala Val Pro
85 90 95

Ala Arg Ala Gly Ser Ile Thr Leu Ser Pro Leu Glu Met Ile Arg Gly
100 105 110

Pro Ser Pro Tyr Glu Ser Ile Ser Tyr Leu Ser Arg Gly Val Phe Leu
115 120 125

Leu

<210> 124

<211> 74

<212> PRT

<213> Homo sapien

<400> 124

Met Lys Ile Tyr Leu Ser Ser Leu Ile Leu Gln Val Thr Ile Ile Leu
1 5 10 15

Asn Pro Ile Lys Ser Trp Ala Val Ala Arg Phe Phe Phe Phe Phe Arg

10076747.0213002

20

25

30

Gly Gly Pro Lys Glu Ala Ser Gln Gly Arg Leu Pro Gly Leu Cys Pro
35 40 45

Pro Pro Leu Ala Phe Ala Leu Cys Ser Gln Cys Ser Ser Ser Lys Arg
50 55 60

Ala Ser Leu Ser Pro Gln Pro Pro Pro Cys
65 70

<210> 125
<211> 94
<212> PRT
<213> Homo sapien

<400> 125

Met His Ser Gly Trp Glu Trp Trp Leu Met Pro Val Ile Pro Ala Val
1 5 10 15

Cys Gly Gly Pro Gln Val Asp Arg Leu Phe Asp Ala Gln Ala Val Arg
20 25 30

Asp Gln Pro Gly Val Thr Met Gly Gly Thr Pro Asn Leu Tyr Gln Lys
35 40 45

Lys Lys Lys Asn Thr Lys Val Val Trp Val Arg Gly Arg Met Pro Val
50 55 60

Val Pro Lys Phe Pro Ala Thr Leu Leu Gly Arg Leu Arg Gln Lys Gly
65 70 75 80

Ser Pro Glu Pro Arg Glu Gly Pro Arg Leu Ala Val Ser Pro
85 90

<210> 126
<211> 114
<212> PRT
<213> Homo sapien

<400> 126

Met Val Ser Leu Trp Val Glu Asp Thr Phe Leu Ser Pro Gly Phe Gly
1 5 10 15

Phe Ala His Val Ala Cys Ser Gly Leu Gly Met Lys Gln Lys Arg Lys
20 25 30

10076747.021202

Ala Ala Ser Ser Glu Pro Thr Ser Glu Val Ala Leu Gly Gly Ser Ala
35 40 45

Gly Pro Val Arg Ser His Leu His Pro Glu Gly Leu Leu Trp Cys Ser
50 55 60

Arg Cys Phe Phe Ser Leu Arg Pro Lys Gly Thr Glu Pro Pro Gly Arg
65 70 75 80

Ser Ala Gly Leu Gln Gly Ala Thr Glu Arg Ser Gly Trp Thr Ser Val
85 90 95

Gln Ala Gln Ala Gln Ala Cys Glu Asn Leu Val Pro Ala Ala Val Ala
100 105 110

Asp Gly

<210> 127

<211> 27

<212> PRT

<213> Homo sapien

<400> 127

Met Asn Ser Phe Tyr Cys Lys Gln Thr Ser Lys Leu Ile Ser Pro Pro
1 5 10 15

Thr Phe Phe Arg Lys Lys Lys Lys Ser Ala Gly
20 25

<210> 128

<211> 59

<212> PRT

<213> Homo sapien

<400> 128

Met Tyr Ser Tyr Asn Gly Ile Leu Phe Asp Asn Lys Asn Lys Trp Ser
1 5 10 15

Ala Ser Thr Cys Tyr Asn Lys Lys Lys Lys Lys Lys Thr Leu Gly
20 25 30

Leu Ser His Gly Ser Tyr Leu Phe Pro Cys Phe Asp Ile Phe Phe Pro
35 40 45

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Leu Pro Ile Ser Thr Gln Ile Leu Thr Gln Ile
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Cys Gly Lys Leu His Ala Pro Ser Phe Ser Ser Thr Leu Met Leu Pro
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Gly Val Cys Ser Tyr Arg Thr Pro Thr Pro Ala Thr Leu Gln Glu Asp
35 40 45

Gly Lys Pro Gln Thr Pro Leu His Ser Lys Glu Ser His Gln Ala Thr
50 55 60

Arg Gly Ile Gln Leu Ala Pro Ser Leu His Met Val Gly Gly Asp Gln
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Arg His Gly Thr Asp Ala Gly Cys Ala Leu Trp Pro Pro Asn Leu Ile
85 90 95

Leu Val Thr Ser Pro Phe Ala Thr Met Arg Ala Gln Glu Met
100 105 110

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